



HEIFERS ON CAFO "PASTURES"

WPDES PERMIT REQUIREMENTS

Definitions

☐ Pasture

- ▣ Where animals graze in large open areas. Not adjacent to or connected to a CAFO production area, and where stocking densities, management systems, and management of feed sources ensure that sufficient vegetative cover is maintained over the entire area at all times.
- ▣ **A pasture, by definition in s. NR 243, is not part of a CAFO.**

☐ Sufficient Vegetative Cover

- ▣ Vegetation or crop residue that slows the movement of and limits contaminated runoff and soil erosion

Definitions



□ Production Area

- Part of a CAFO that includes the animal confinement area, the manure storage area, the raw materials storage area, and the waste containment areas but not CAFO vegetated areas.
- The animal confinement area includes but is not limited to open lots, housed lots, feedlots, confinement houses, stall barns, free stall barns, milkrooms, milking centers, cowyards, barnyards, medication pens, walkers, animal walkways and stables.
- **Subject to WPDES Permit Production Area Discharge Limitations**

Definitions



□ CAFO Outdoor Vegetated Area

- A large open outdoor vegetated area of land used by CAFO animals that is owned or operated by a CAFO and is adjacent or connected to, but not part of, the production area.

- **Not subject to WPDES Permit Production Area Discharge Limitations**

Maintain Sufficient Vegetative Cover By:

- ☐ **Manage stocking densities and timing**
- ☐ **Implement management systems (i.e. rotational grazing)**
- ☐ **Manage feed sources and watering areas**
- ☐ **Prohibit access to waterways and wetlands**
- ☐ **Utilize buffers around sensitive areas**
- ☐ **Conduct quarterly visual inspections and perform timely maintenance**
- ☐ **Comply with other measures to protect surface and groundwater quality as specified in your WPDES permit**

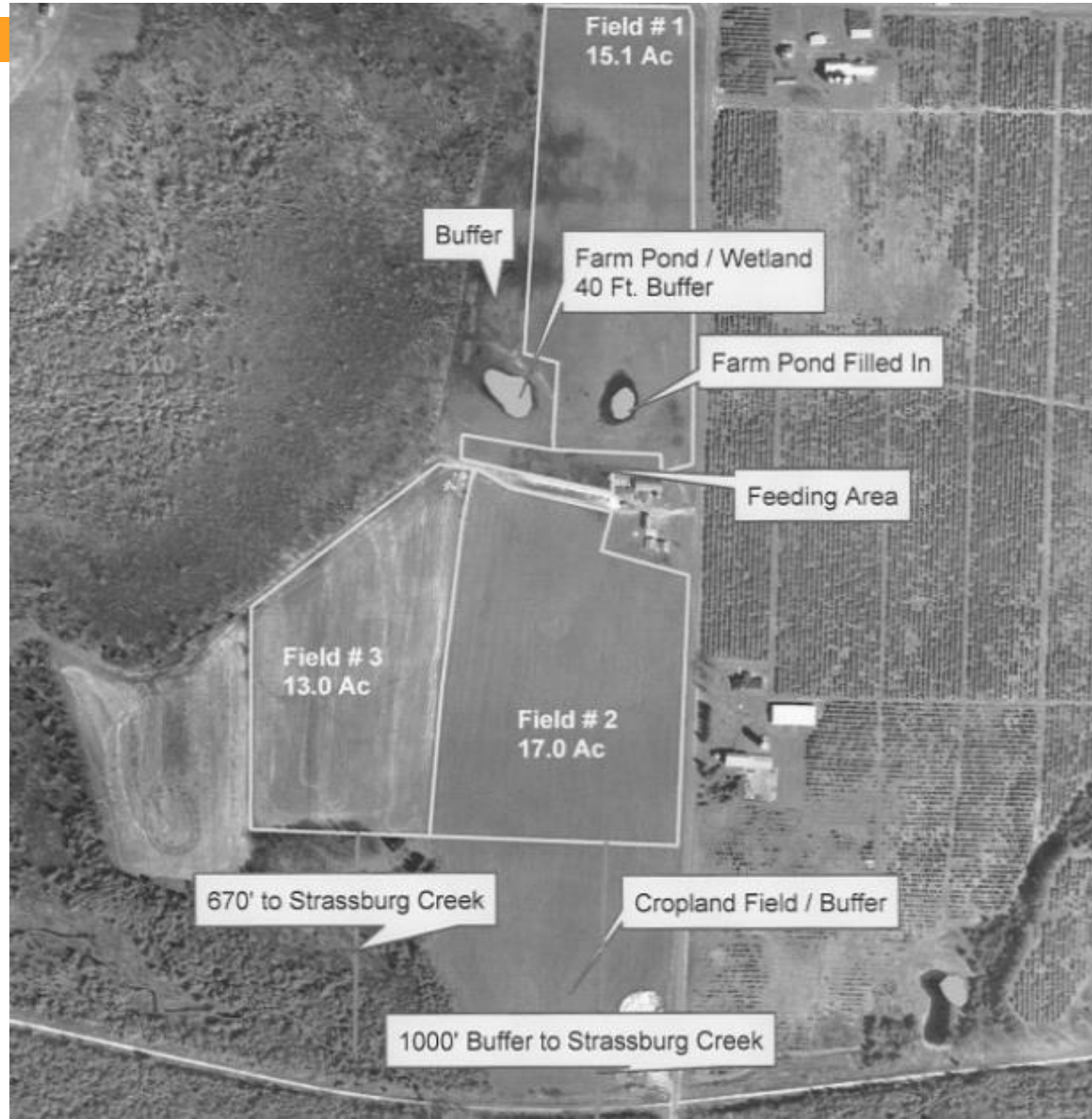
Manage Stocking Density



Management Systems



Management Systems



Management Systems



07/15/2011

Management Systems



Manage Feed Sources



07/15/2011

Buffers

August 13, 2014



September 29, 2014



Buffers

July 7, 2009



April 29, 2014



Buffers



Regular Maintenance & Prohibited Access



Special Considerations

❑ Walkways and Cattle Lanes

- ❑ Unless maintained in sufficient vegetation, these are part of the production area and subject to discharge limitations
- ❑ Manage by collecting manure and runoff
- ❑ Position far away from water resources and install buffers

❑ Temporary Confinement

- ❑ Good insurance during conditions that could damage vegetation and cause polluted discharges

Special Considerations: Out-wintering



- ☐ Out-wintering
 - ☐ Special precautions
 - ☐ Sufficient vegetation must be quickly recovered in spring
 - ☐ Temporary confinement

Special Considerations: Sandy soils

- Sandy Soils

- ▣ Not likely to be acceptable due to groundwater concerns





Questions?

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